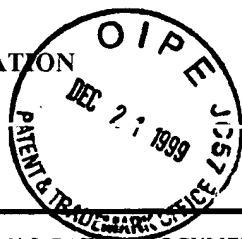


**INFORMATION DISCLOSURE CITATION**  
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Docket Number (Optional)

4018.08

Application Number

09/335,372

Applicant(s)

ACTV, Inc.

Filing Date

June 17, 1999

Group Art Unit

2711

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DS	AA	Re. 32,776	11/1988	Saylor			
DS	AB	Re. 34,340	8/1993	Freeman			
DS	AC	2,612,553	9/1952	Homrighous			
DS	AD	2,777,901	1/1957	Dostert			
DS	AE	2,826,828	3/1958	Hamilton			
DS	AF	2,908,767	10/1959	Fritzinger			
DS	AG	2,921,385	1/1960	Hamilton			
DS	AH	3,008,000	11/1961	Morchand			
DS	AI	3,020,360	2/1962	Gratian et al.			
DS	AJ	3,194,895	7/1965	Treadwell			
DS	AK	3,221,098	11/1965	Feldman et al.			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DS	AL	16314	10/1980	European Pat. Off.				
DS	AM	128481	12/1984	European Pat. Off.				
DS	AN	314572	5/1989	European Pat. Off.				
DS	AO	994233	6/1965	Germany				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	AP	Tsuruta et al., A Knowledge Based Interactive Train Scheduling System Aiming at Large Scale Complex Planning Expert Systems, International Workshop on Artificial Intelligence for Industrial Applications, 1988, pp. 490-495.
DS	AQ	Harless; Interactive Video Disc Case Studies for Medical Education, Oct. 1986.

EXAMINER

*Dominic Saborelli*

DATE CONSIDERED

*13 Feb 2004*

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DS	BA	3,245,157	4/1966	Laviana			
DS	BB	3,255,536	6/1966	Livingston			
DS	BC	3,273,260	9/1966	Walker			
DS	BD	3,284,923	11/1966	Leslie			
DS	BE	3,343,280	9/1967	Tonai			
DS	BF	3,366,731	1/1968	Wallerstein			
DS	BG	3,387,084	6/1968	Hine et al.			
DS	BH	3,440,342	4/1969	Beltrami			
DS	BI	3,477,144	11/1969	Stillit			
DS	BJ	3,484,950	12/1969	Serrell et al.			
DS	BK	3485,946	12/1969	Jackson et al.			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DS	BL	4207885	7/1992	Japan				
DS	BM	6165170	6/1994	Japan				
DS	BN	8102961	10/1981	WIPO				
DS	BO	9403851	2/1994	WIPO				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	BP	Bock; Videodisk Standards: A Software View of the Technology, May 1983.
DS	BQ	Campbell, Optimal Decision Making in a Business Simulation, System Sciences, 1989 Annual Hawaii International Conference, vol. III, pp. 822-831.

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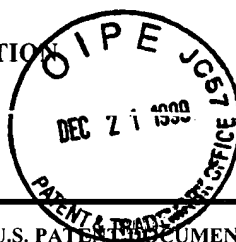
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DS	CA	3,538,621	11/1970	Mayeda			
DS	CB	3,546,791	12/1970	Koos et al.			
DS	CC	3,566,482	3/1971	Morchand			
DS	CD	3,575,861	4/1971	Pratt et al.			
DS	CE	3,602,582	8/1971	Torricelli			
DS	CF	3,623,238	11/1971	Laplume et al.			
DS	CG	3,643,217	2/1972	Morphew et al.			
DS	CH	3,665,615	5/1972	Laplume			
DS	CI	3,708,891	1/1973	Rosov			
DS	CJ	3,725,571	4/1973	Justice			
DS	CK	3,730,980	5/1973	Kirk Jr.			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DS	*	WO 93 11617	6/1993	WIPO				
DS	*	WO 93 22877	11/1993	WIPO				
DS	*	WO 96 05699	2/1996	WIPO				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	CL	F. Dawson; Compression on the Fast Track, pp. 22-30, Cablevision, Apr. 22, 1991.
DS	CM	Y. Gault; Turning Cold Box into Interactive TV, p. 17, Crain's New York Business, Jul. 15, 1991.

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DS	DA	3,757,225	9/1973	Ulicki			
DS	DB	3,763,377	10/1973	Goodson			
DS	DC	3,774,316	11/1973	Meier			
DS	DD	3,814,841	6/1974	Ulicki			
DS	DE	3,825,674	7/1974	Justice			
DS	DF	3,833,760	9/1974	Tickle			
DS	DG	3,849,594	11/1974	Justice			
DS	DH	3,857,999	12/1974	Justice			
DS	DI	3,860,745	1/1975	Takada			
DS	DJ	3,902,007	8/1975	Justice			
DS	DK	3,916,092	10/1975	Justice			

**FOREIGN PATENT DOCUMENTS**

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	DL	G. Gilder; Now or Never, pp. 188-189, Forbes, Oct. 14, 1991.
DS	DM	G. Kim; First All-Digital HDTV Developed by Video Cipher, p. 35, Multichannel News, Jun. 11, 1990.

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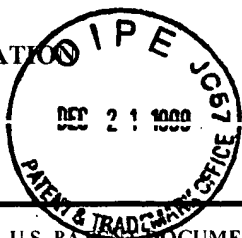
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DS	EA	3,936,595	2/1976	Yanagimachi et al.			
DS	EB	3,947,972	4/1976	Freeman			
DS	EC	3,988,528	10/1976	Yanagimachi et al.			
DS	ED	3,991,266	11/1976	Baer			
DS	EE	4,034,990	7/1977	Baer			
DS	EF	4,040,088	8/1977	Hanan			
DS	EG	4,044,380	8/1977	Justice et al.			
DS	EH	4,078,316	3/1978	Freeman			
DS	EI	4,199,781	4/1980	Doumit			
DS	EJ	4,245,245	1/1981	Matsumoto			
DS	EK	4,264,924	4/1981	Freeman			

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DS	EL	G. Kim; ATC: Technical Tidal Wave to Engulf Cable Industry, pp. 33-34, Multichannel News, Aug. 13, 1990.
DS	EM	G. Kim; Jerrold Offers Cable Digital Compression, p. 6, Multichannel News, Mar. 11, 1991.

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*Dominic Schanelli*

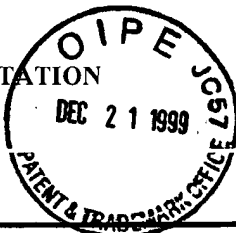
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DS	FA	4,264,925	4/1981	Freeman et al.			
DS	FB	4,290,142	9/1981	Schnee et al.			
DS	FC	4,292,649	9/1981	Macheboeuf et al.			
DS	FD	4,305,131	12/1981	Best			
DS	FE	4,331,974	5/1982	Cogswell et al.			
DS	FF	4,333,152	6/1982	Best			
DS	FG	4,361,730	11/1982	Barber et al.			
DS	FH	4,381,522	4/1983	Lambert			
DS	FI	4,399,329	8/1983	Wharton			
DS	FJ	4,422,105	12/1983	Ridesch et al.			
DS	FK	4,439,784	3/1984	Furukawa et al.			

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	FL	G. Kim; Test Equipment for Digital Still a Puzzle, p. 24, Multichannel News, May 27, 1991.
DS	FM	Martial et al., An Interactive Planner for Open Systems, Proceedings of the 4 <sup>th</sup> Conference on Artificial Intelligence, March 1988, pp. 293-298.

EXAMINER

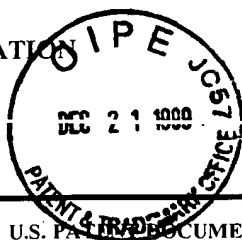
*Domine Scharelli*

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DS	GA	4,445,137	4/1984	Panofsky			
DS	GB	4,445,187	4/1984	Best			
DS	GC	4,507,680	3/1985	Freeman			
DS	GD	4,516,156	5/1985	Fabris et al.			
DS	GE	4,530,008	7/1985	McVoy			
DS	GF	4,536,791	8/1985	Campbell et al.			
DS	GG	4,546,382	10/1985	McKenna et al.			
DS	GH	4,555,730	11/1985	Briggs			
DS	GI	4,569,026	2/1986	Best			
DS	GJ	4,571,640	2/1986	Baer			
DS	GK	4,573,072	2/1986	Freeman			

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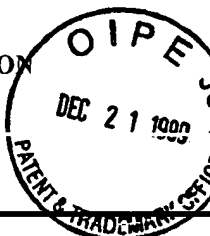
DS	GL	R. Powell; Digitizing TV Into Obsolescence, New York Times, Oct. 20, 1991.
DS	GM	H.F. Water, et al; Talking Back to the Tube, pp. 56-57, Newsweek, Dec. 3, 1990.

EXAMINER *Dominic Sabarelli*

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DS	HA	4,574,305	3/1986	Campbell et al.			
DS	HB	4,591,248	5/1986	Freeman			
DS	HC	4,599,611	7/1986	Bowker et al.			
DS	HD	4,602,279	7/1986	Freeman			
DS	HE	4,616,261	10/1986	Crawford et al.			
DS	HF	4,635,132	1/1987	Nakamura			
DS	HG	4,644,515	2/1987	Allebest et al.			
DS	HH	4,647,980	3/1987	Steventon et al.			
DS	HI	4,665,431	5/1987	Cooper			
DS	HJ	4,694,490	9/1987	Harvey et al.			
DS	HK	4,701,896	10/1987	Allebest et al.			

**FOREIGN PATENT DOCUMENTS**

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							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	HL	Will it Revolutionize HDTV?, pp. 33-34, Broadcasting, Jun. 4, 1990.
DS	HM	Video Storage in Digital Transmission, pp. 1-6, Specs Technology, Cable Television Laboratories, vol. 3, No. 7, 1991.

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DS	IA	4,704,725	11/1987	Harvey et al.			
DS	IB	4,733,301	3/1988	Wright, Jr.			
DS	IC	4,734,764	3/1988	Pocock et al.			
DS	ID	4,750,036	6/1988	Martinez			
DS	IE	4,763,317	8/1988	Lehman et al.			
DS	IF	4,768,087	8/1988	Taub et al.			
DS	IG	4,777,529	10/1988	Schultz			
DS	IH	4,780,757	10/1988	Bryer et al.			
DS	II	4,780,758	10/1988	Lin et al.			
DS	IJ	4,785,349	11/1988	Keith et al.			
DS	IK	4,786,967	11/1988	Smith, III, et al.			

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DS	*	Yu, P.S. et al., "Design and Analysis of a Look-Ahead Scheduling Scheme to Support Pause-Resume for Video-on-Demand Applications," Multimedia Systems, vol. 3, no. 4, 1 Jan. 1995, pp. 137-149, XP000576898.

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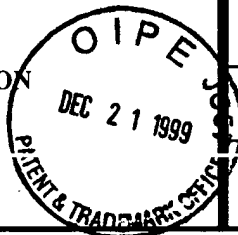
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DS	JA	4,807,031	2/1989	Broughton et al.			
DS	JB	4,816,905	3/1989	Tweedy et al.			
DS	JC	4,821,101	4/1989	Short			
DS	JD	4,839,743	6/1989	Best et al.			
DS	JE	4,846,693	7/1989	Baer			
DS	JF	4,847,690	7/1989	Perkins			
DS	JG	4,847,698	7/1989	Freeman			
DS	JH	4,847,699	7/1989	Freeman			
DS	JI	4,847,700	7/1989	Freeman			
DS	JJ	4,855,827	8/1989	Best			
DS	JK	4,862,268	8/1989	Campbell et al.			

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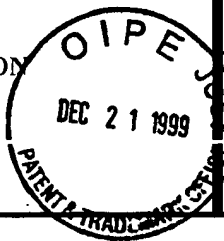
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DS	KA	4,870,591	9/1989	Cicciarelli et al.			
DS	KB	4,875,096	10/1989	Baer et al.			
DS	KC	4,876,592	10/1989	Von Kohorn			
DS	KD	4,884,974	12/1989	DeSmet			
DS	KE	4,894,789	1/1990	Yee			
DS	KF	4,905,094	2/1990	Pocock et al.			
DS	KG	4,916,633	4/1990	Tychonievich et al.			
DS	KH	4,918,516	4/1990	Freeman			
DS	KI	4,918,620	4/1990	Ulug			
DS	KJ	4,924,303	5/1990	Brandon et al.			
DS	KK	4,926,255	5/1990	Von Kohorn			

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DS	LA	4,930,019	5/1990	Chu			
DS	LB	4,941,040	7/1990	Pocock et al.			
DS	LC	4,949,170	8/1990	Yanagidaira et al.			
DS	LD	4,965,825	10/1990	Harvet et al.			
DS	LE	4,967,368	10/1990	Bolling et al.			
DS	LF	4,972,328	11/1990	Wu et al.			
DS	LG	4,975,771	12/1990	Kassatly			
DS	LH	4,987,486	1/1991	Johnson et al.			
DS	LI	4,988,111	1/1991	Gerlitz et al.			
DS	LJ	4,989,233	1/1991	Schahowsky et al.			
DS	LK	4,989,234	1/1991	Schahowsky et al.			

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Dominic S. S. S.

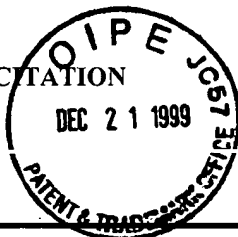
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DS	MA	4,991,011	2/1991	Johnson et al.			
DS	MB	4,994,908	2/1991	Kuban et al.			
DS	MC	5,001,554	3/1991	Johnson et al.			
DS	MD	5,010,400	4/1991	Oto			
DS	ME	5,010,500	4/1991	Makkuni et al.			
DS	MF	5,014,125	5/1991	Pocock et al.			
DS	MG	5,023,707	6/1991	Briggs			
DS	MH	5,033,969	7/1991	Kamimura			
DS	MI	5,034,807	7/1991	Von Kohorn			
DS	MJ	5,043,891	8/1991	Goldstein et al.			
DS	MK	5,051,822	9/1991	Rhoades			

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EXAMINER

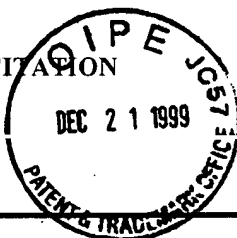
*Dominic J. Satrielli*

DATE CONSIDERED

*13 Feb 2004*

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**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)



Docket Number (Optional)

4018.08

Application Number

09/335,372

Applicant(s)

ACTV, Inc.

Filing Date

June 17, 1999

Group Art Unit

2711

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DS	NA	5,053,883	10/1991	Johnson			
DS	NB	5,055,924	10/1991	Skutta			
DS	NC	5,057,915	10/1991	Von Kohorn			
DS	ND	5,077,607	12/1991	Johnson et al.			
DS	NE	5,090,708	2/1992	Gerlitz et al.			
DS	NF	5,093,718	3/1992	Hoarty et al.			
DS	NG	5,109,414	4/1992	Harvey et al.			
DS	NH	5,109,482	4/1992	Bohrman			
DS	NI	5,132,992	7/1992	Yurt et al.			
DS	NJ	5,133,079	7/1992	Gallantyne et al.			
DS	NK	5,157,491	10/1992	Kassatly			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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*Dominic Saterelli*

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DS	OA	5,174,759	12/1992	Preston et al.			
DS	OB	5,176,520	1/1993	Hamilton			
DS	OC	5,177,604	1/1993	Martinez			
DS	OD	5,181,107	1/1993	Rhoades			
DS	OE	5,210,611	5/1993	Tee et al.			
DS	OF	5,220,420	6/1993	Hoarty et al.			
DS	OG	5,227,874	7/1993	Von Kohorn			
DS	OH	5,236,199	8/1993	Thompson, Jr.			
DS	OI	5,239,463	8/1993	Blair et al.			
DS	OJ	5,239,617	8/1993	Gardner et al.			
DS	OK	5,247,347	9/1993	Lieeteral et al.			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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DS	PA	5,261,820	11/1993	Slye et al.			
DS	PB	5,318,450	6/1994	Carver			
DS	PC	5,340,317	8/1994	Freeman			
DS	PD	5,388,197	2/1995	Rayner			
DS	PE	5,404,393	4/1995	Remillard			
DS	PF	5,405,152	4/1995	Katanics et al.			
DS	PG	5,442,389	8/1995	Blahut et al.			
DS	PH	5,454,722	10/1995	Holland et al.			
DS	PI	5,455,910	10/1995	Johnson et al.			
DS	PJ	5,467,288	11/1995	Fasciano et al.			
DS	PK	5,488,411	1/1996	Lewis et al.			

**FOREIGN PATENT DOCUMENTS**

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							YES	NO

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Application Number

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Applicant(s)

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Group Art Unit

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DS	QA	5,526,478	6/1996	Russell, Jr. et al.			
DS	QB	5,537,141	7/1996	Harper et al.			
DS	QC	5,541,662	7/1996	Adams et al.			
DS	QD	5,557,724	9/1996	Sampat et al.			
DS	QE	5,585,858	12/1996	Harper et al.			
DS	QF	5,594,492	1/1997	O'Callaghan			
DS	QG	5,594,935	1/1997	Reber et al.			
DS	QH	5,724,091	3/1998	Freeman et al.			
DS	*	5,357,276	10/1994	Hayashi et al.			
DS	*	5,365,346	11/1994	Abumi			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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SERIAL NO. 09/335,372

**FILING**  
**December 21, 1999**

GROUP	2711
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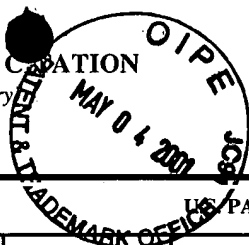
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DATE CONSIDERED 13 Feb 2007

PAGE 1 OF 1

# INFORMATION DISCLOSURE CATION

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Docket Number (Optional)

4018.08

Application Number

09/335372

Applicant(s)

FREEMAN et al.

Filing Date

December 21, 1999

Group Art Unit

2711

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DS	A	5818441	10/6/98	THROCKMORTON	345	328	

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## FOREIGN PATENT DOCUMENTS

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							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

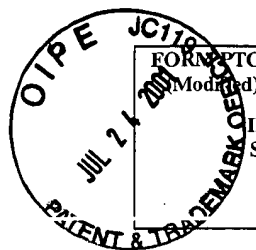

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
4018.08

SERIAL NO.  
09/335372

APPLICANT:  
FREEMAN et al.

FILING DATE  
December 21, 1999

GROUP  
2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DS	A	4625235	11/25/86	WATSON	358	86	
DS	B	5600366	2/04/97	SCHULMAN	348	9	
DS	C	5786869	7/28/98	BACK et al.	348	565	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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DS	D	WO 97/29458	08/14/97	PCT				
DS	E	WO 96/37075	11/21/96	PCT				
DS	F	WO 99/39506	8/05/99	PCT				
DS	G	0489387	6/10/92	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	H	WPI Abstract Accession no. 1995-017976 & JP 060303543, HITACHI (28.10.1994) See Abstract.

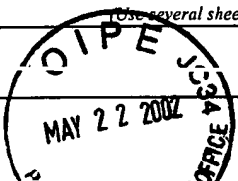
EXAMINER *Domine Sabarelli*

DATE CONSIDERED *13 Feb 2001*

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<b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small>	Docket Number (optional)	Application Number
	4018.08	09/335,372
	Applicant(s)	
	Freeman et. al.	
	Filing Date	Group Art Unit
	June 17, 1999	2611

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DS	AA	5068733	11/26/91	Bennett			
DS	AB	5600368	2/4/97	Matthews, III			
DS	AC	5189630	2/23/93	Barstow, et. al.			
DS	AD	5231494	7/27/93	Wachob			
DS	AE	5600364	2/4/97	Hendricks, et. al.			

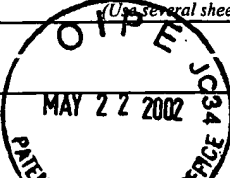
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### FOREIGN PATENT DOCUMENTS

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DS	AF	WO 99/39506	8/5/99	WIPO				
DS	AG	WO 98/54902	12/3/98	WIPO				
DS	AH	WO 98/32284	7/23/98	WIPO				
DS	AI	WO 98/32281	7/23/98	WIPO				

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	AJ	Beaudin, S. The Web is Not TV. Copyright 1996.
DS	AK	EarthWeb and ACTV Unveil HyperTV Breakthrough. March 1996.
EXAMINER		DATE CONSIDERED
Dominic Satarelli		13 Feb 2004
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

<b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small>	Docket Number (Optional)	Application Number
	4018.08	09/335,372
	Applicant(s)	
	Freeman et. al.	
	Filing Date	Group Art Unit
	June 17, 1999	2611

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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**FOREIGN PATENT DOCUMENTS**

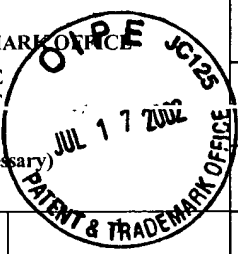
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DS	BA	WO 97/45965	12/4/97	WIPO				
DS	BB	WO 96/37075	11/21/96	WIPO				
DS	BC	WO 99/26415	5/27/99	WIPO				
DS	BD	WO 98/08340	2/26/98	WIPO				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	BE	Proffit, "InterCast Brings the Web to TV", PC Magazine, January 21, 1997.	
	BF	"Verknuepfung Von TV Mit Internet", August 16, 1996.	
EXAMINER		DATE CONSIDERED	
Dominic Schardli		13 Feb 2004	
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Substitute for form 1449A/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			ATTY. DOCKET NO.: 4018.08	APPLICATION NO.: 09/335,372	
<div style="text-align: center;">  </div>			FIRST NAMED INVENTOR: FREEMAN et al		
			FILING DATE: June 17, 1999	ART UNIT: 2611	
Sheet	1	of	EXAMINER NAME: Andrew I. Faile		

### U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
		US-			
DS	A	US-5,724,091	03/03/1998	FREEMAN et al.	abstract, figures 1, 3 and 4 and description of figures; col. 1, lines 14 to 26; column 2, lines 11 to 67; column 3, lines 49 to 67; column 8, lines 18 to 33; column 10, line 50 to column 11, line 3; column 11, lines 45 to 65; column 15, lines 6 to 15
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		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)	MM-DD-YYYY			
EXAMINER SIGNATURE	Dominic Scharelli		DATE CONSIDERED	13 Feb 2004		

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<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				ATTY. DOCKET NO.: <b>4018.08</b>		APPLICATION NO.: <b>09/335,372</b>	
				FIRST NAMED INVENTOR: <b>Michael J. Freeman</b>			
				FILING DATE: <b>June 17, 1999</b>		ART UNIT: <b>2611</b>	
Sheet	<b>1</b>	of	<b>1</b>	EXAMINER NAME: <b>Christopher C. Grant</b>			

### U.S. PATENT DOCUMENTS

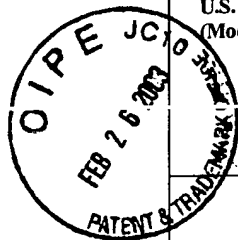
EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
DS		US-6,181,334	01-30-2001	FREEMAN et al.	
DS		US-6,005,561	12-21-1999	HAWKINS et al.	
DS		US-5,828,421	10-27-1998	BOYCE et al.	<b>RECEIVED</b>
DS		US-5,682,597	10-28-1997	GANEK et al.	
DS		US-5,982,436	11-09-1999	BALAKRISHNAN et al.	<b>DEC 13 2002</b>
		US-			
		US-			
		US-			<b>Technology Center 2600</b>

### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
EXAMINER SIGNATURE	<i>Dominic Scharelli</i>		DATE CONSIDERED	<b>13 Feb 2004</b>		

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Substitute for form 1449A/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use as many sheets as necessary)				ATTY. DOCKET NO.: 10014.00		APPLICATION NO.: 09/767,053	
				FIRST NAMED INVENTOR: FREEMAN et al.			
				FILING DATE: 22 January 2001		ART UNIT: 2643	
Sheet	1	of	1	EXAMINER NAME: Not Yet Assigned			

### U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
DS		US-6,286,140 B1	09-04-2001	IVANYI	
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		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)	MM-DD-YYYY			

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>2</sup>	(Include name of Author ) in CAPITAL LETTERS), Title of article (when appropriate, title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published)	T <sup>3</sup>
DS		WEE, Susie J. and VASUDEV, Bhaskaran, "Slicing MPEG Video Streams in the Compressed Domain", IEEE, 1997, pp. 225-230.	

EXAMINER SIGNATURE	<i>Dominic Sakarelli</i>	DATE CONSIDERED	13 Feb 2004
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<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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